



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of )  
Hans-Ulrich Krottil et al. )  
Serial No. 09/869,789 )Examiner: Thomas Noland  
Filed: July 23, 2002 )  
Title: METHOD AND DEVICE FOR )  
SIMULTANEOUSLY DETERMINING ) Patent No: 6,880,386  
THE ADHESION, FRICTION, AND )  
OTHER MATERIAL PROPERTIES OF ) Issued: April 19, 2005  
A SAMPLE SURFACE )

REQUEST FOR CERTIFICATE OF CORRECTION  
UNDER 37 C.F.R. SECTION 1.323

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

A Certificate of Correction under Rule 1.323 in the above-identified patent is respectfully requested in accordance with the enclosed copies of form PTO-1050. Also enclosed is a check in the amount of \$100.00 for payment of the fee for such Certificate of Correction.

Respectfully submitted,

Adam F. Cox  
Registration No. 46,644  
Attorney for Applicant

AFC/pmp

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Facsimile: 260-460-1700

Date: June 23, 2005

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,880,386 *bl*

DATED : April 19, 2005

INVENTOR(S) : Hans-Ulrich Krotil et al.

It is certified that error appears in the above-identified patent and that said Letters Patent  
is hereby corrected as shown below:

**DRAWINGS:**

Replace sheets 1 through 12, showing Figs. 1 through 13D, with attached sheets 1 through 12 showing Figs. 1 through 13D.

MAILING ADDRESS OF SENDER: John F. Hoffman  
BAKER & DANIELS  
111 East Wayne St., Suite 800  
Fort Wayne, IN 46802

PATENT NO. 6,880,386

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# UNITED STATES PATENT AND TRADEMARK OFFICE

## CERTIFICATE OF CORRECTION

PATENT NO : 6,880,386 *Fig 1*

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## UNITED STATES PATENT AND TRADEMARK OFFICE CERTIFICATE OF CORRECTION

PATENT NO : 6,880,386 *h*

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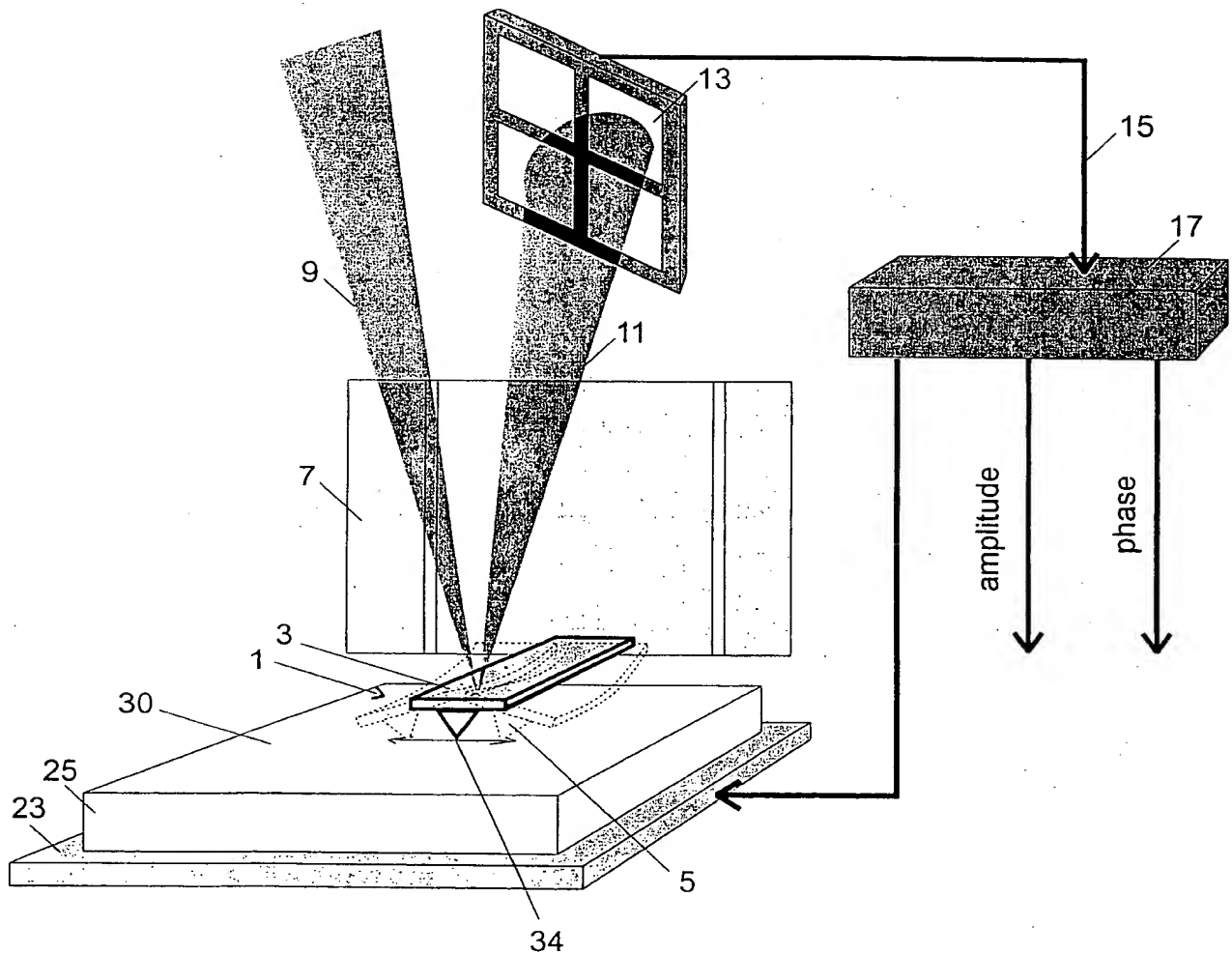


Fig. 1

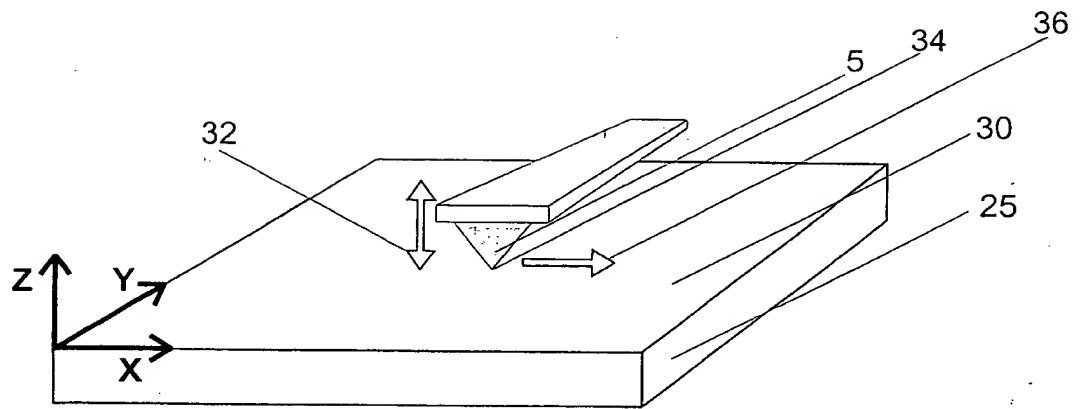


Fig. 2

NORMAL  
PERPENDICULAR FORCE

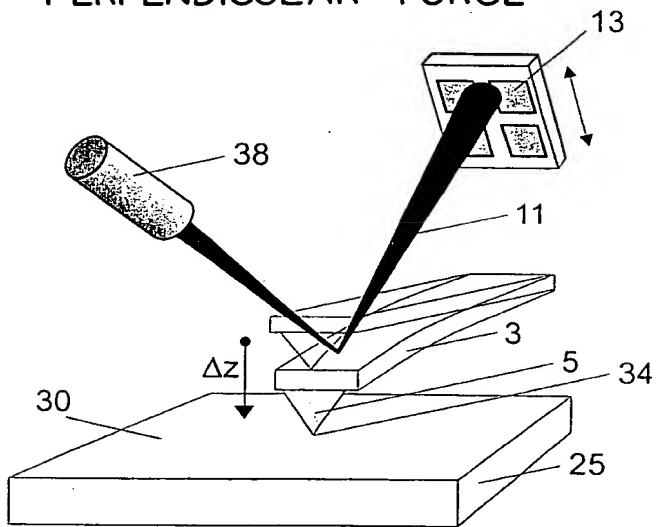


Fig. 3A

LATERAL FORCE

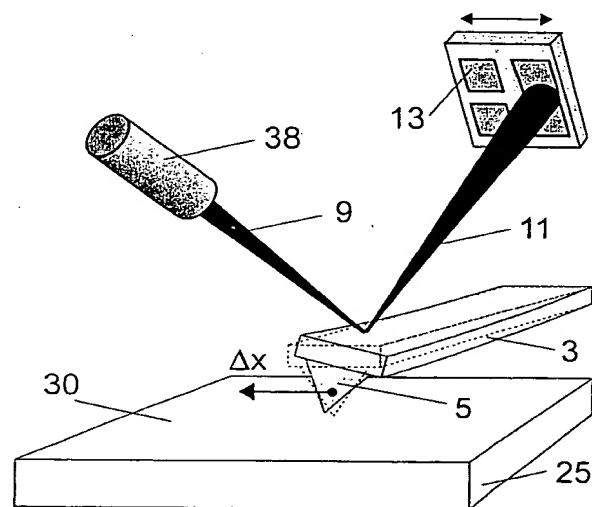


Fig. 3B

Fig. 4A

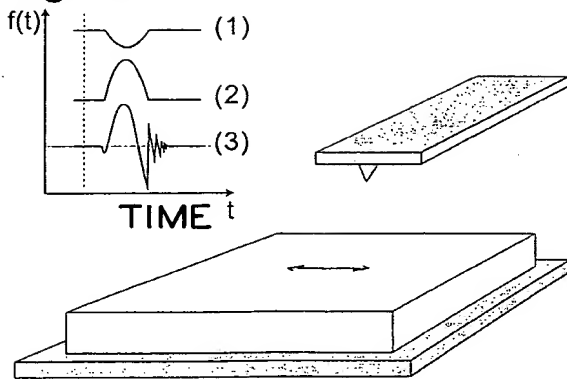


Fig. 4B

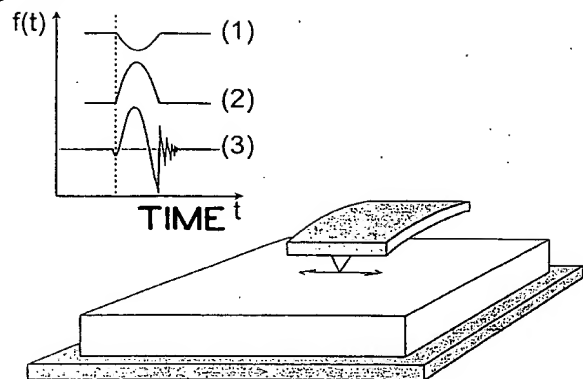


Fig. 4C

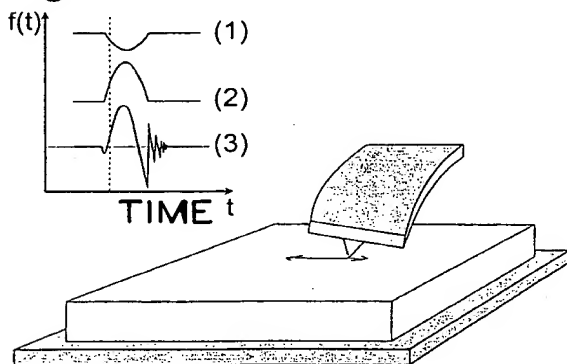


Fig. 4D

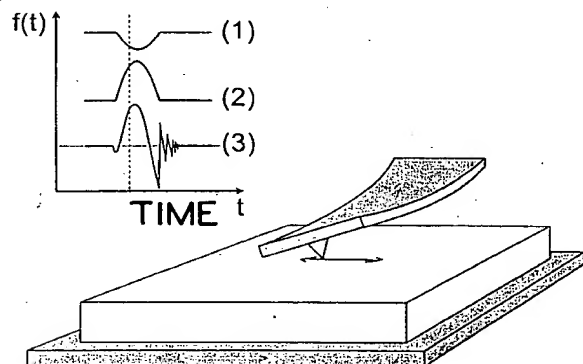


Fig. 4E

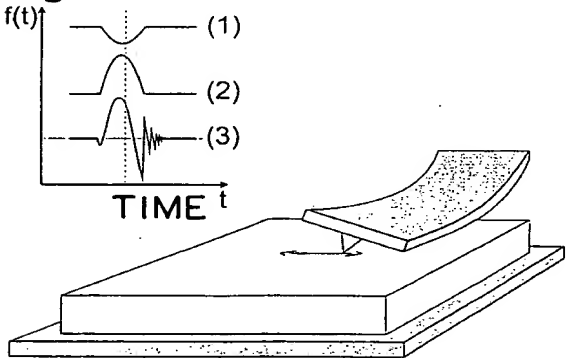


Fig. 4F

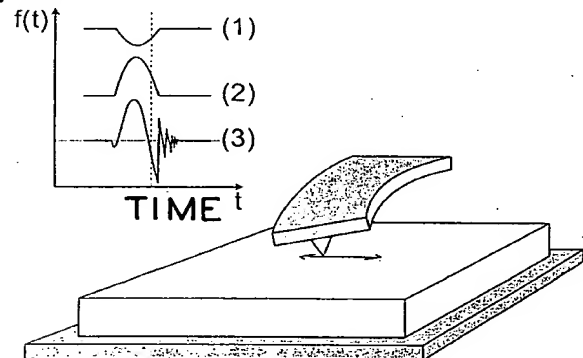


Fig. 4G

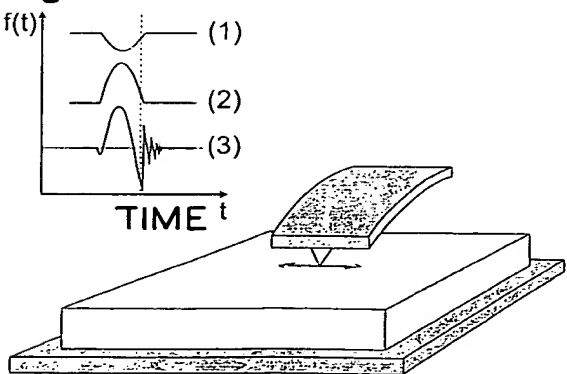
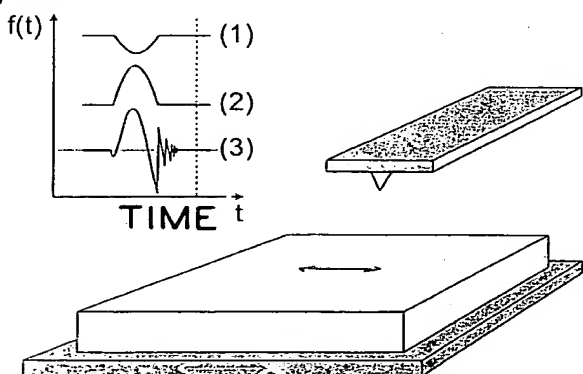


Fig. 4H



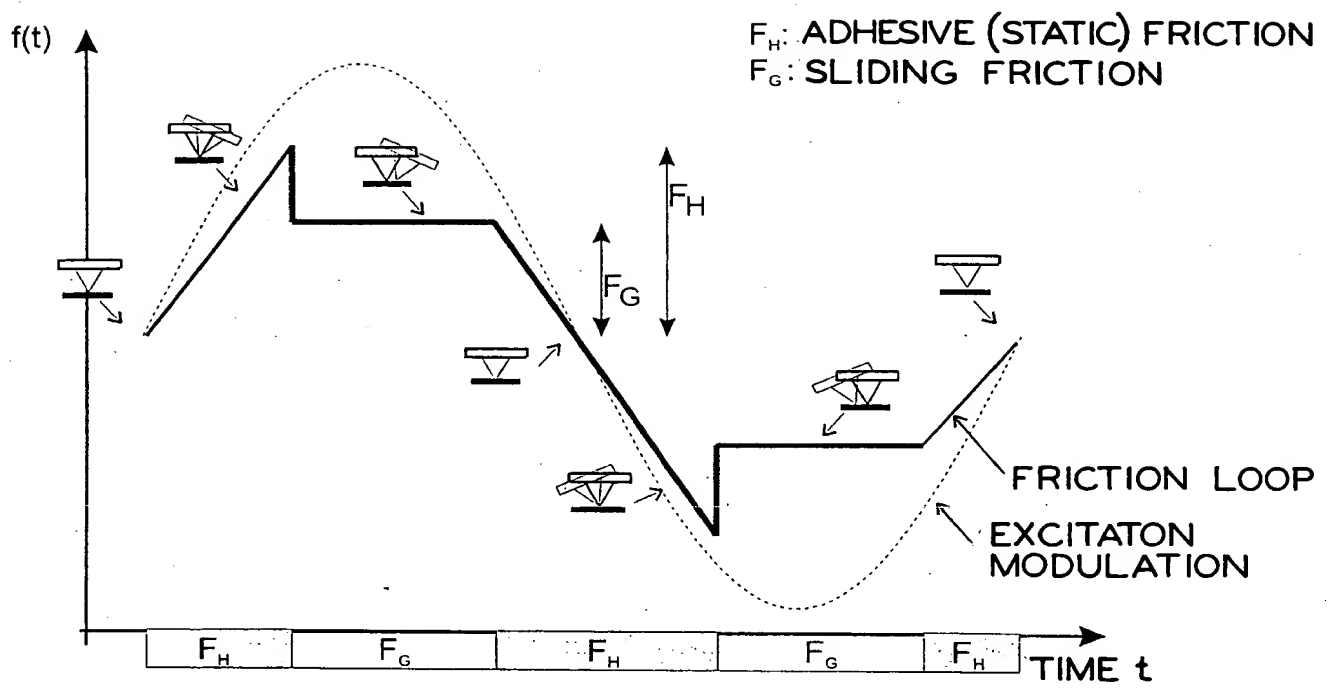


Fig. 5



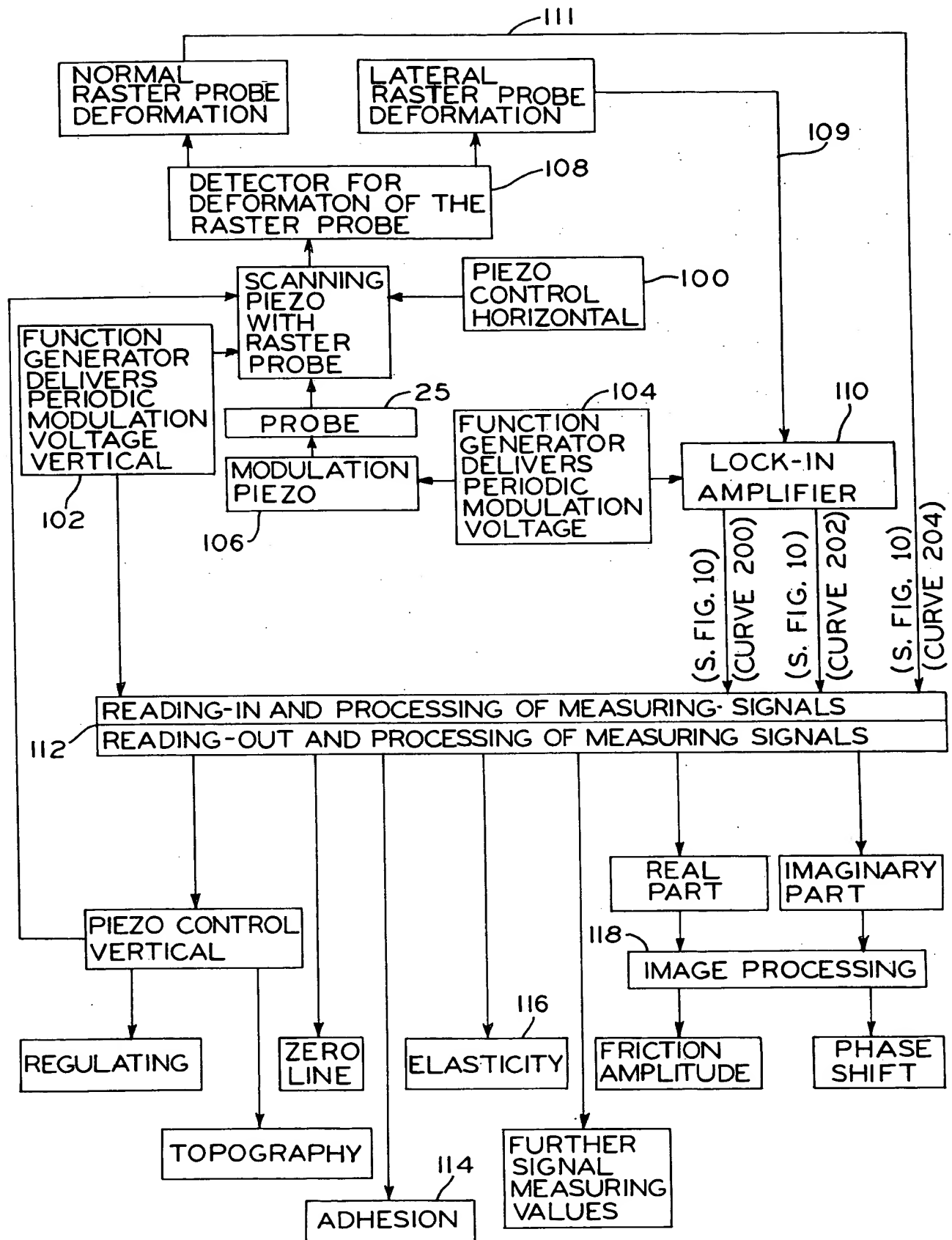


FIG. 6

Fig. 7A

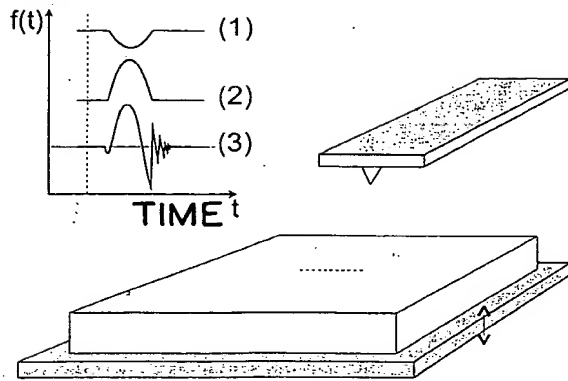


Fig. 7B

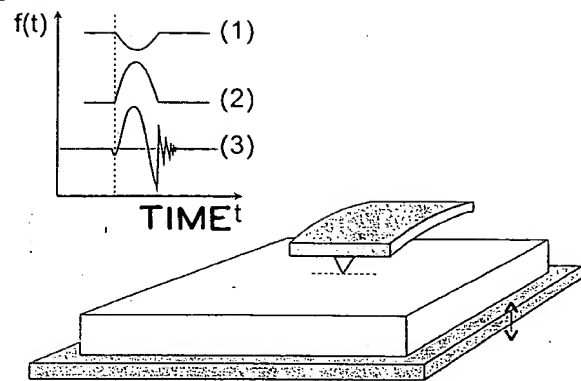


Fig. 7C

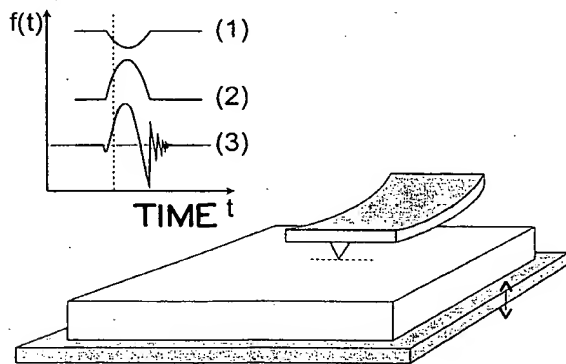


Fig. 7D

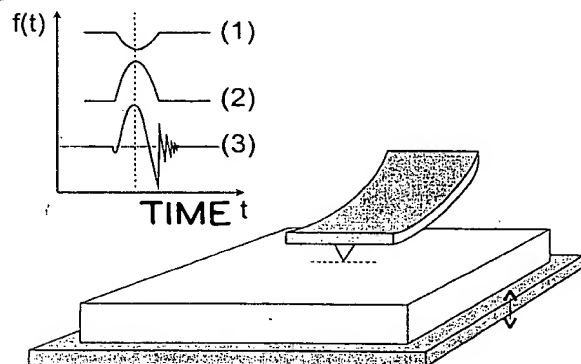


Fig. 7E

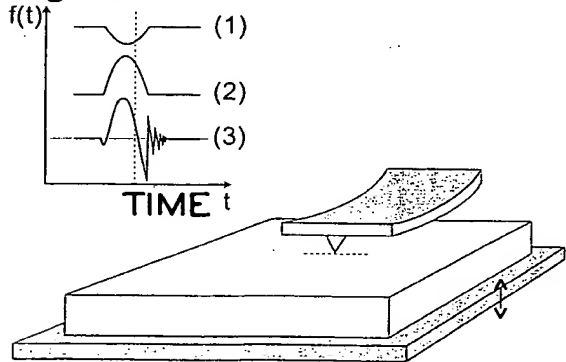


Fig. 7F

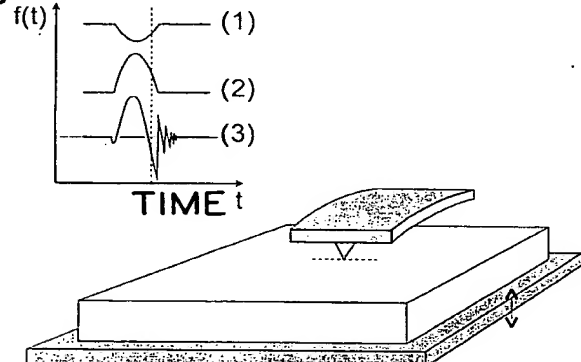


Fig. 7G

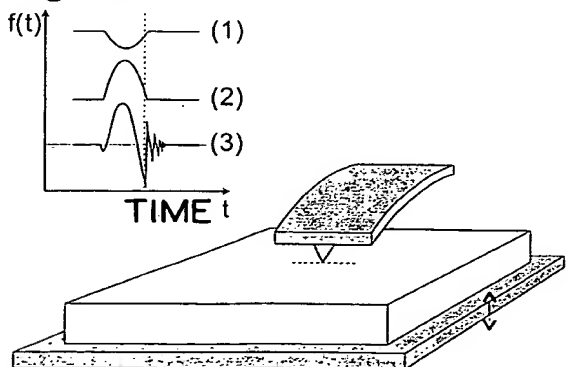
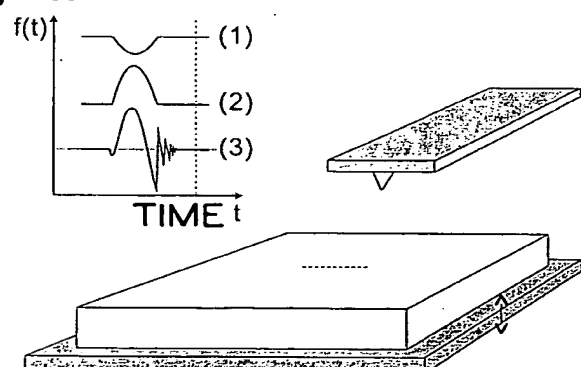


Fig. 7H



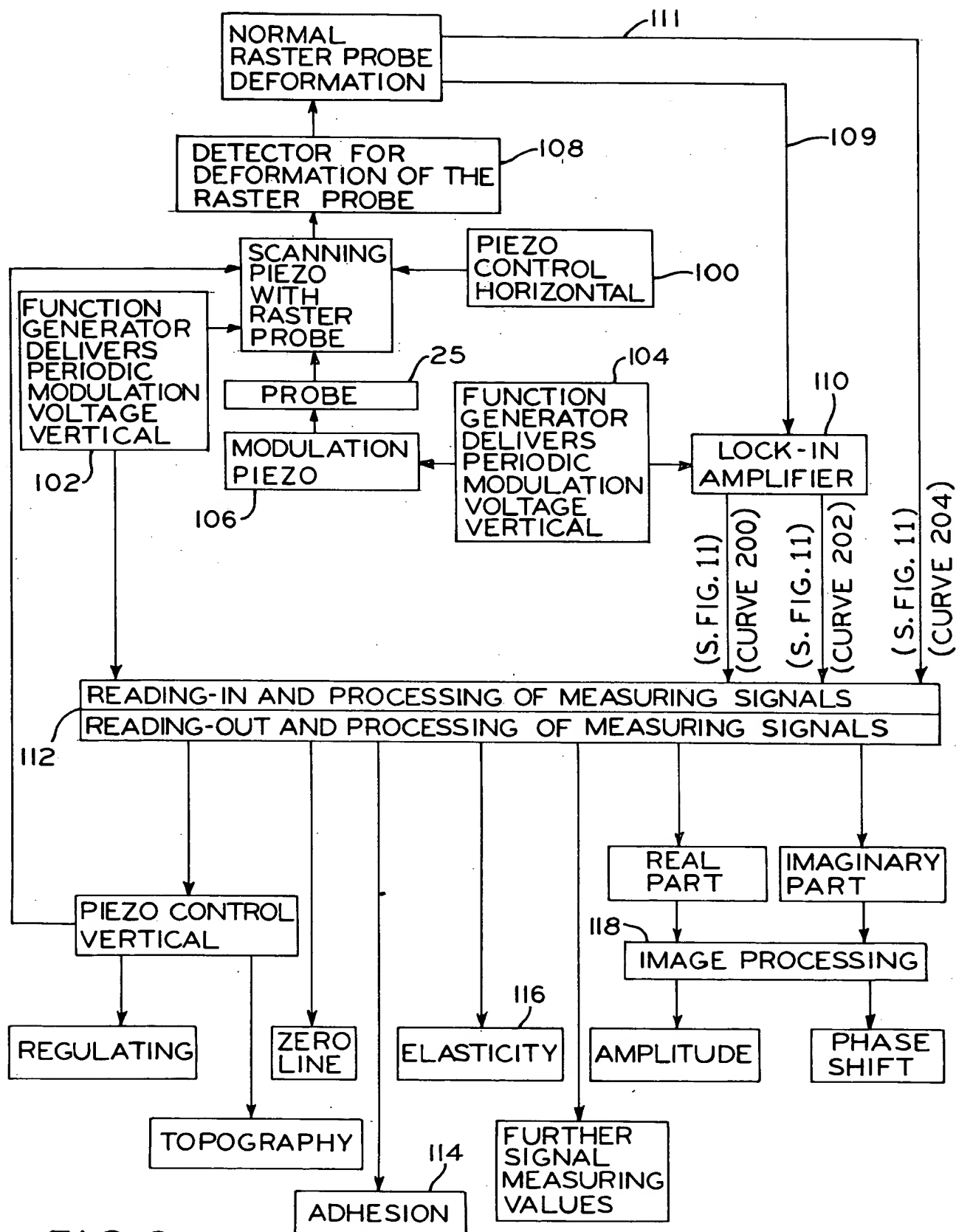


FIG. 8

THEORETICALLY CALCULATED AMPLITUDE  
(ARBITRARY UNITS)

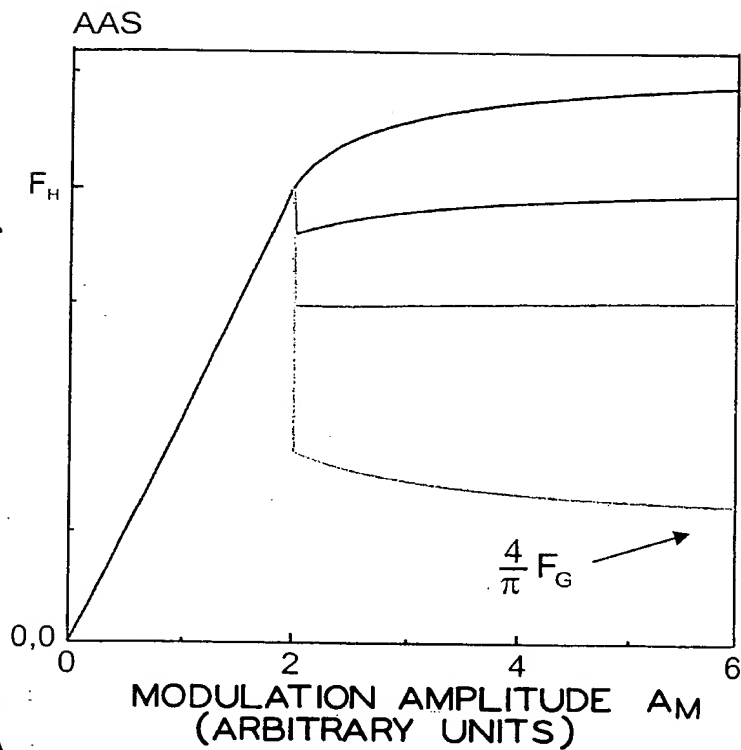


Fig. 9A

THEORETICALLY CALCULATED PHASE  $\phi$   
(ARBITRARY UNITS)

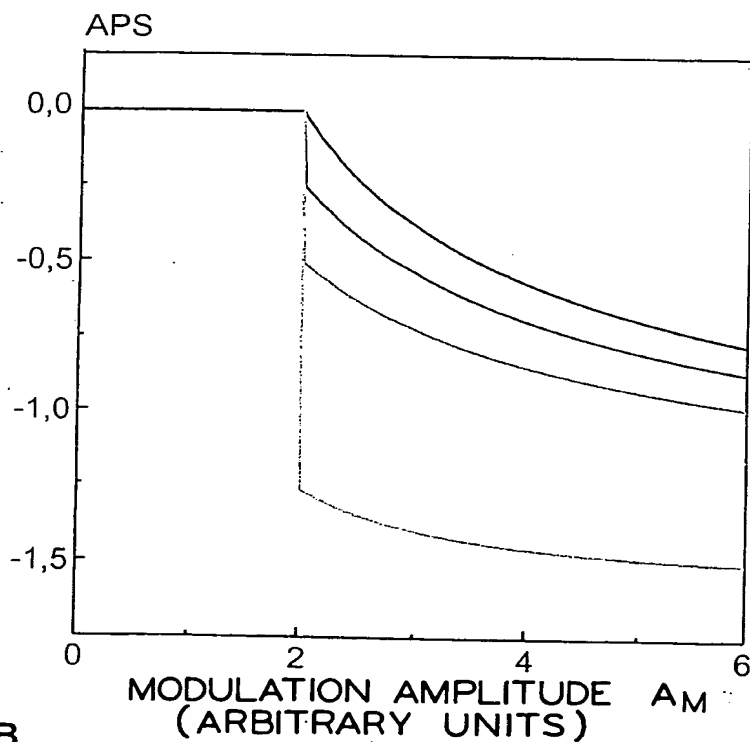


Fig. 9B

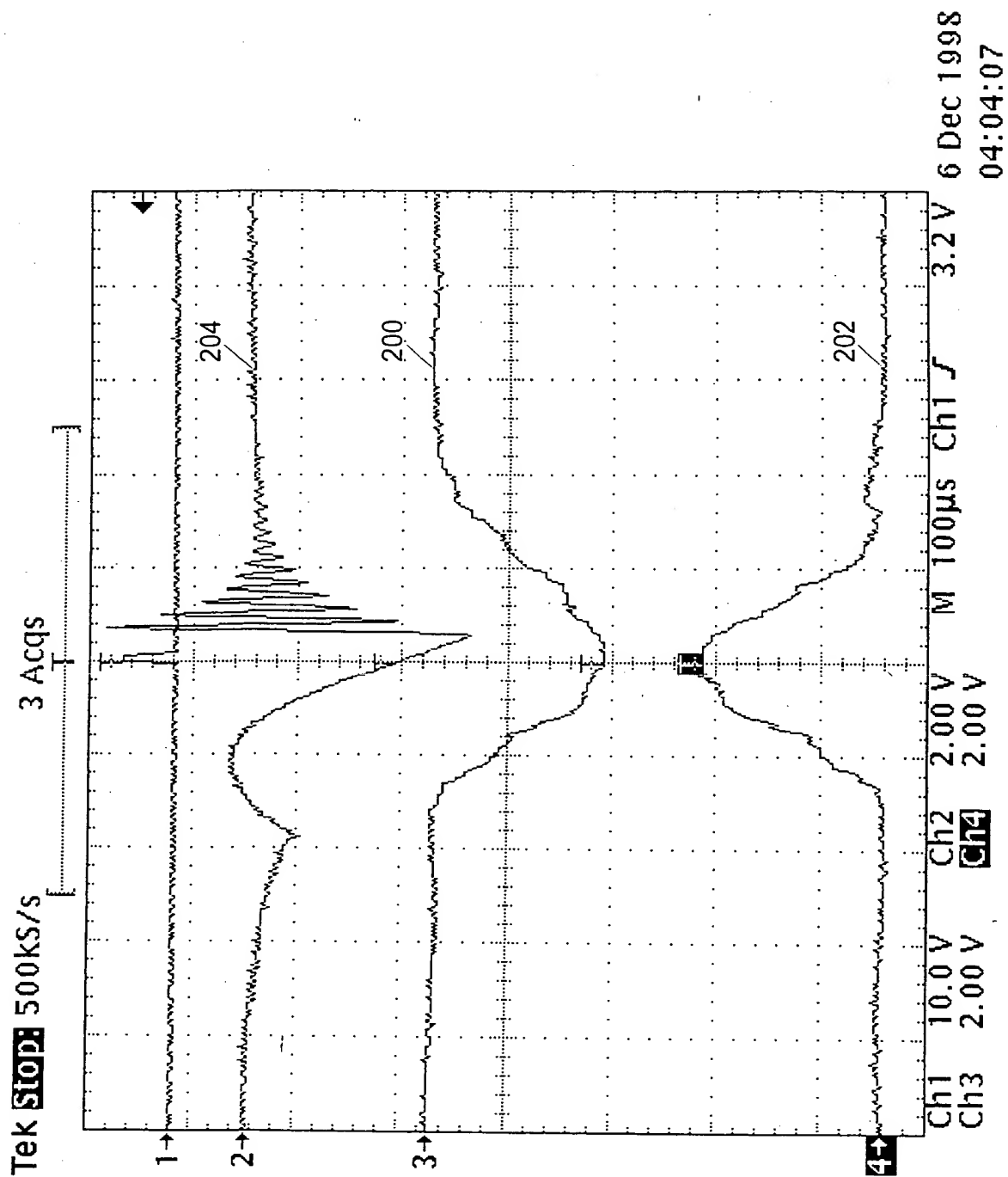


Fig. 10

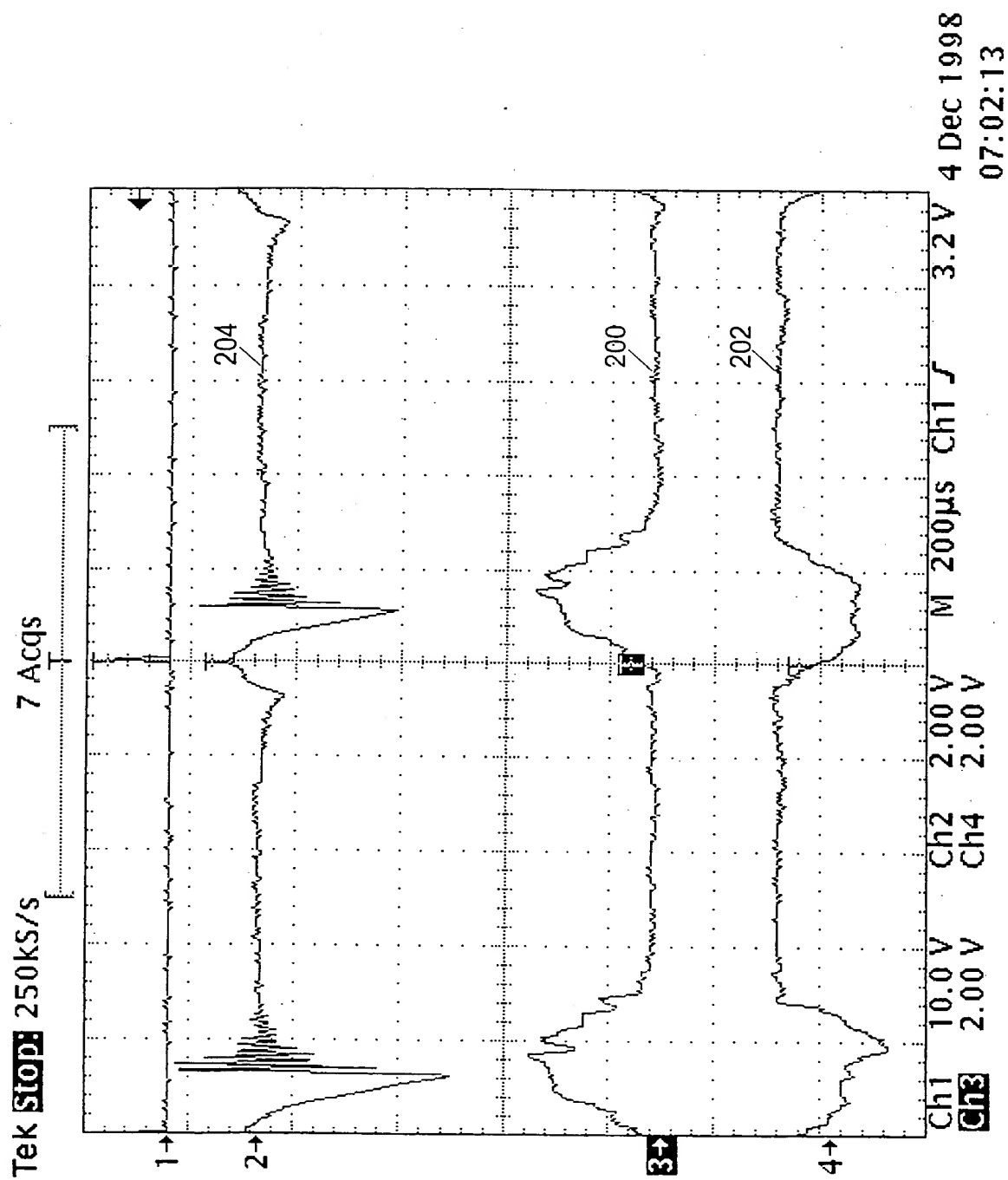


Fig. 11

POLYMER SAMPLE,  
IMAGE SIZE  $25\mu\text{m}^2$ ,  
93kHz / 1kHz

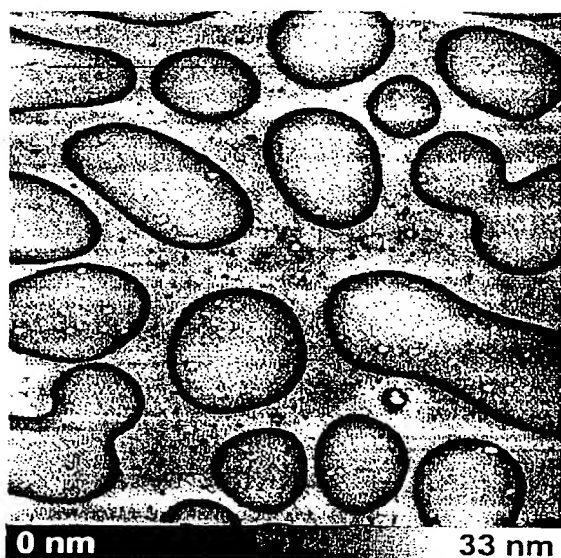


Fig.12A

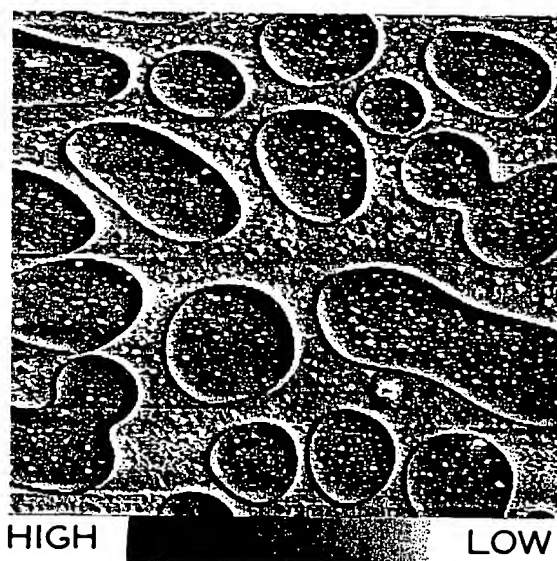


Fig.12B

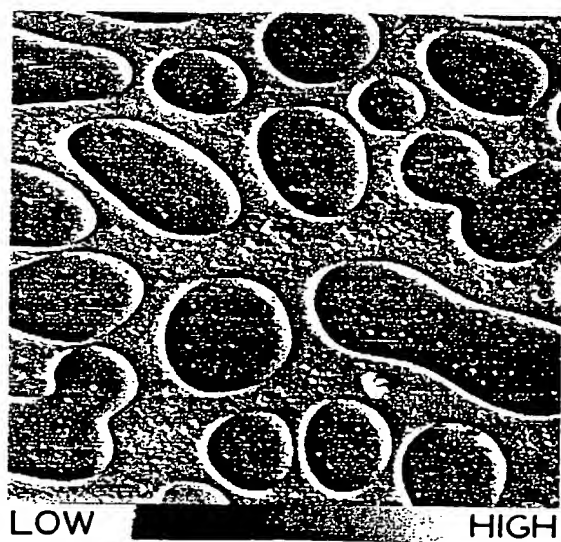


Fig.12C

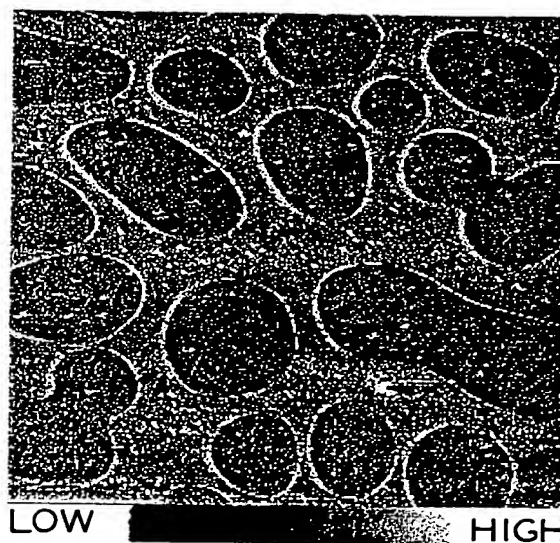


Fig.12D

POLYMER SAMPLE,  
IMAGE SIZE  $25\ \mu\text{m}^2$ ,  
230kHz / 1kHz

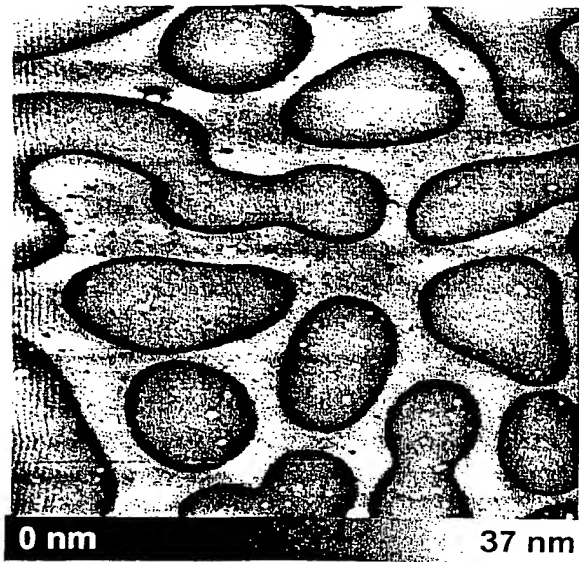


Fig.13A

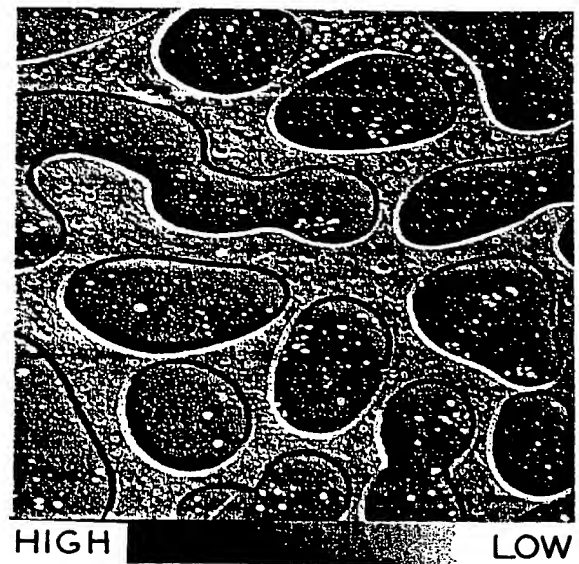


Fig.13B

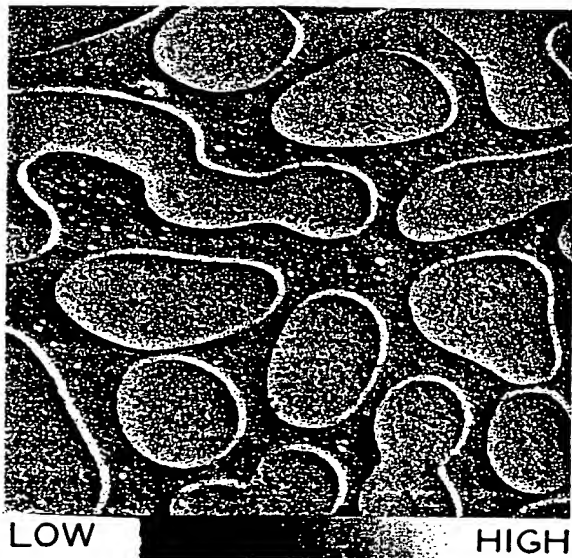


Fig.13C

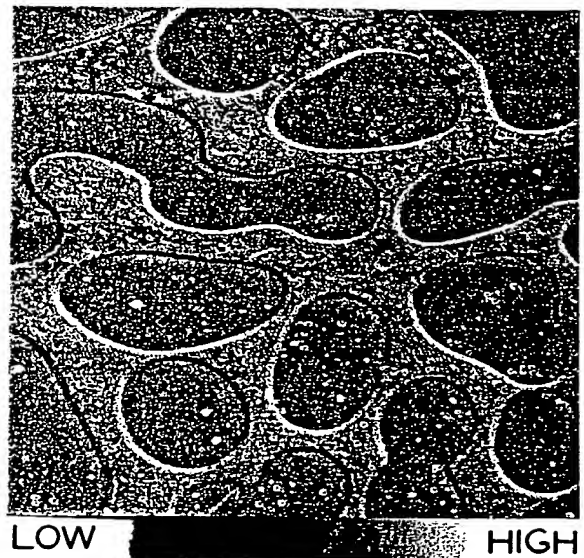


Fig.13D



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